

FIG. 1

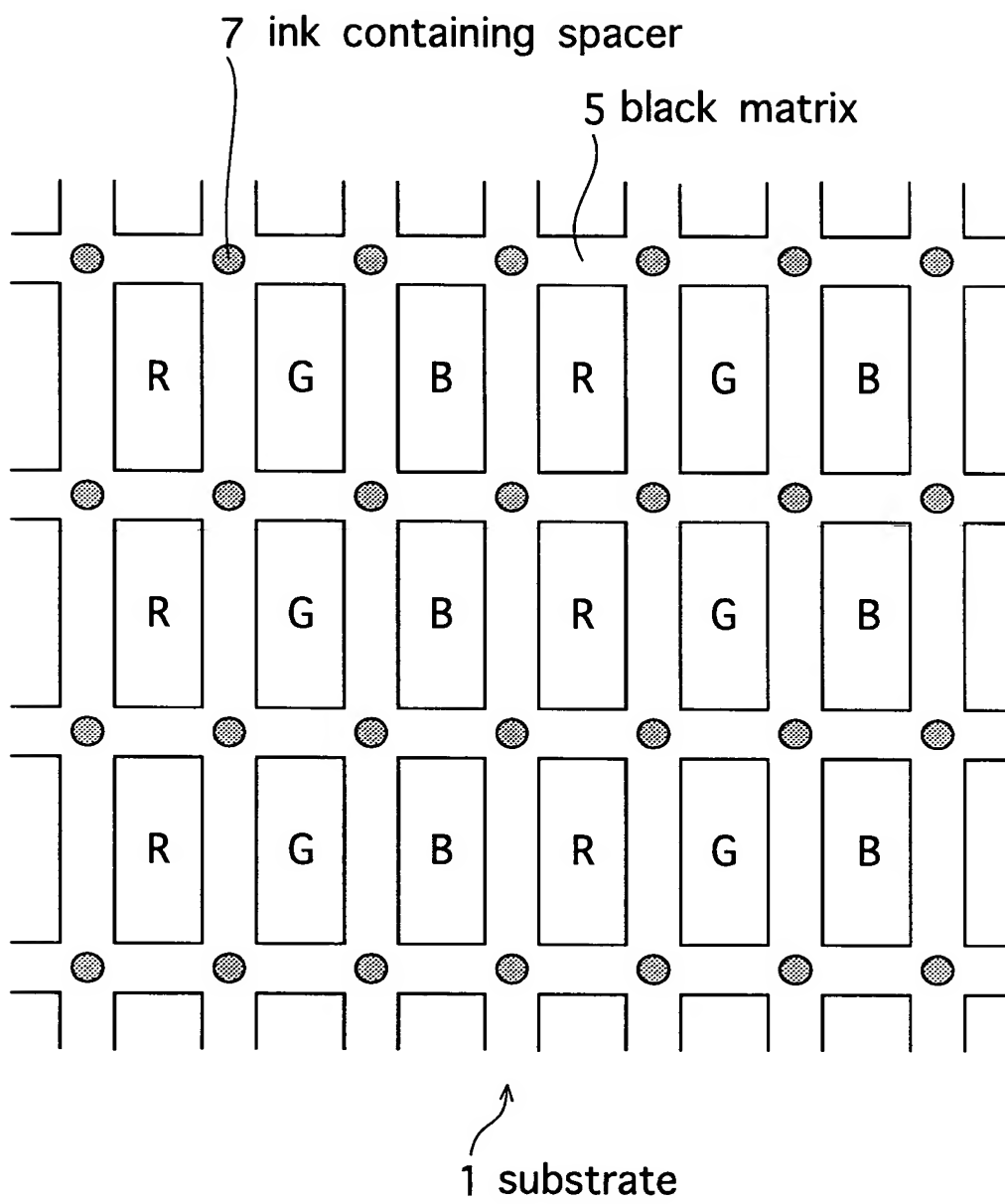


FIG.2

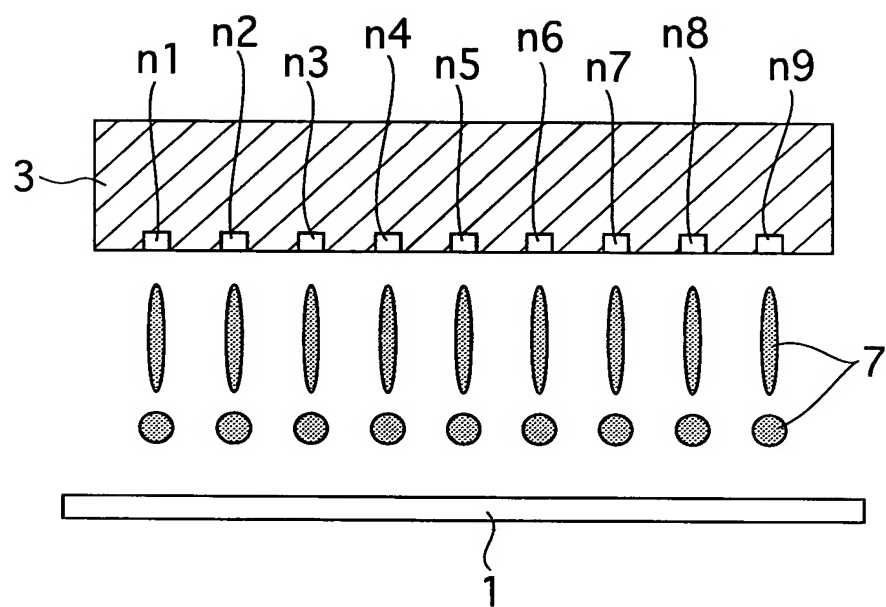


FIG.3

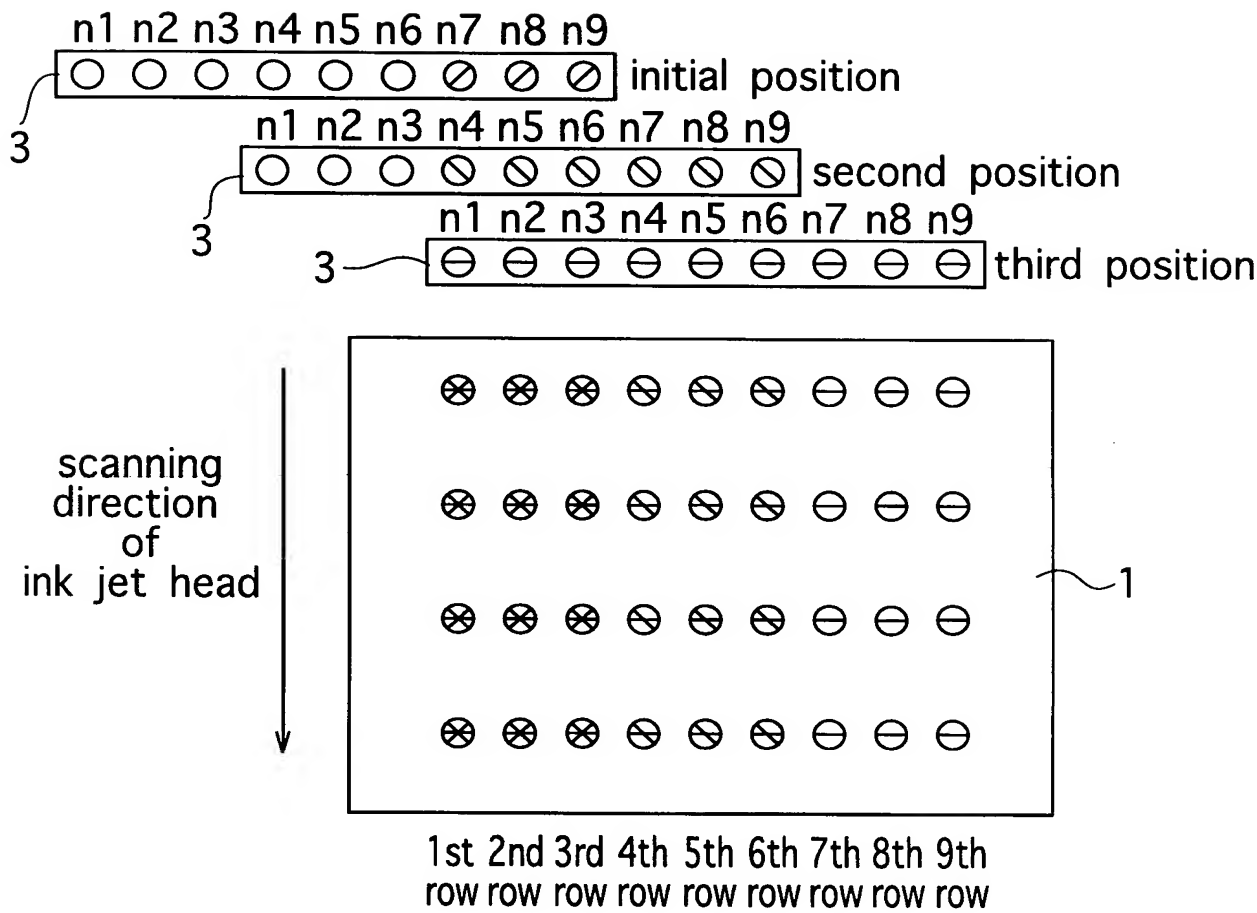


FIG.4

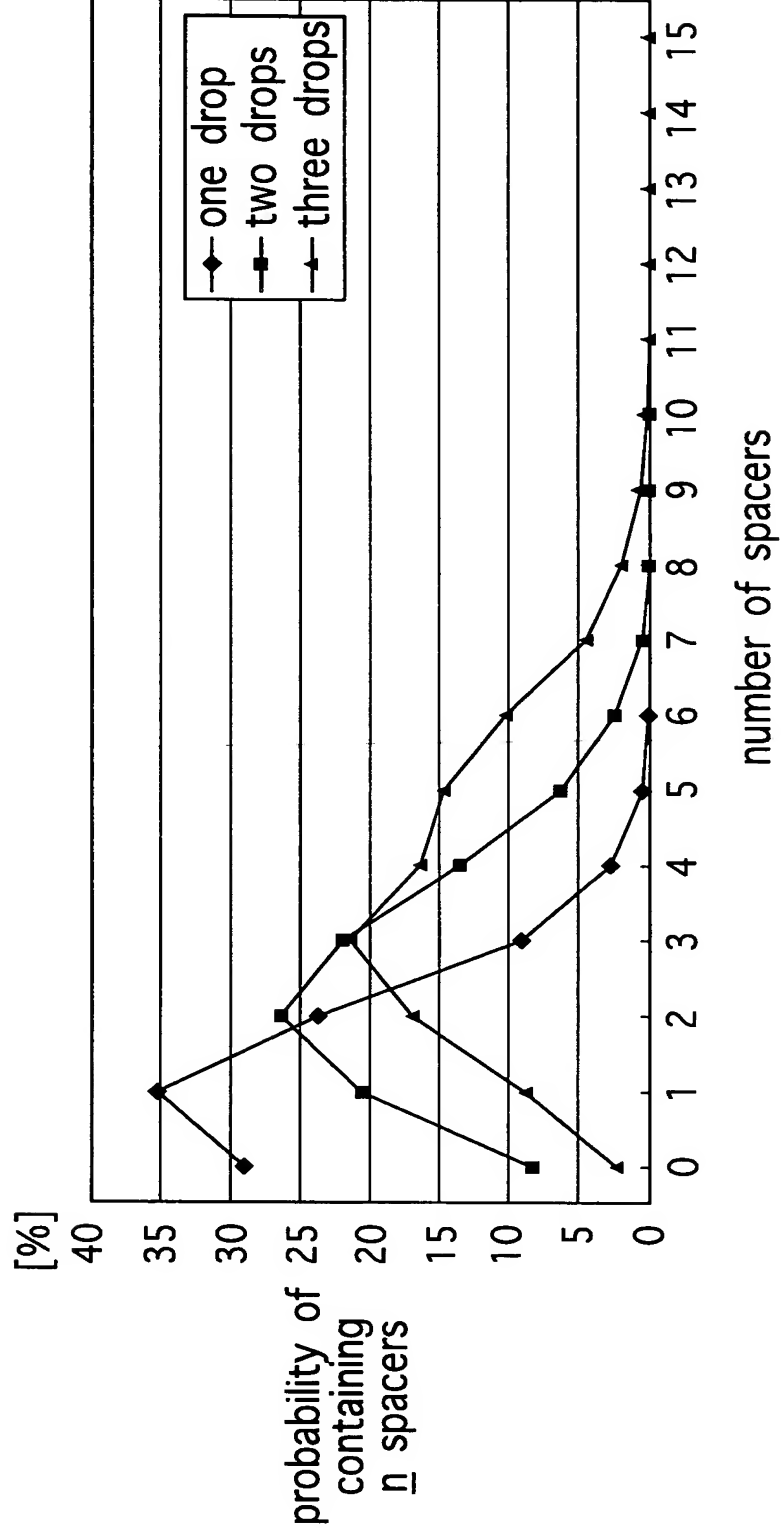


FIG.5

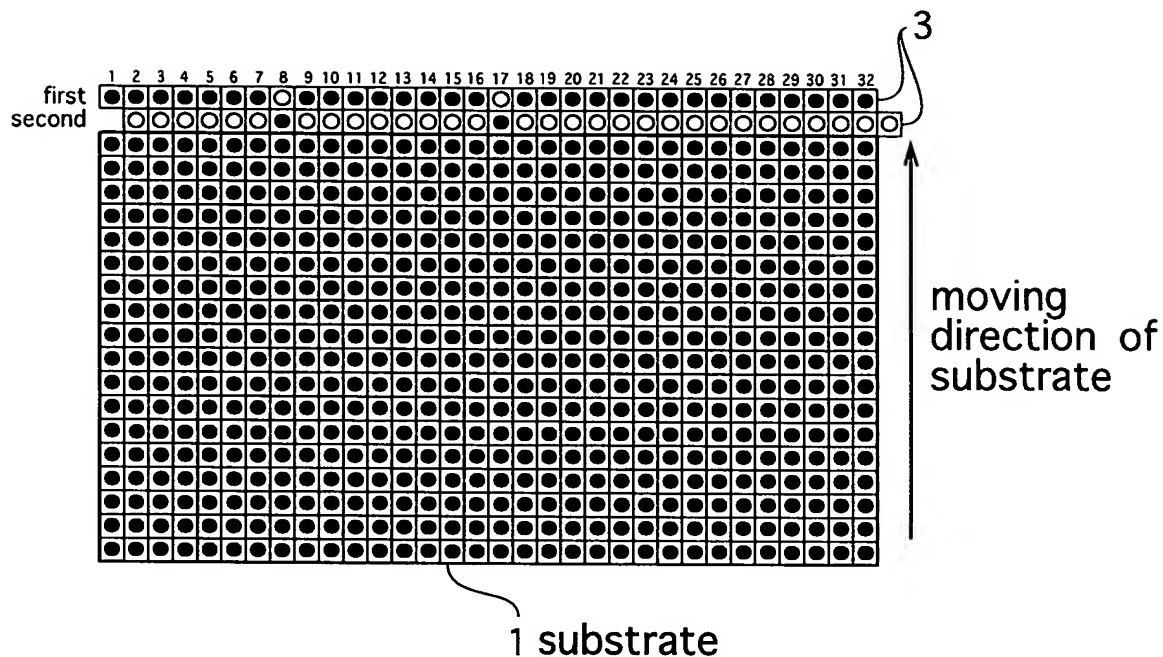


FIG.6

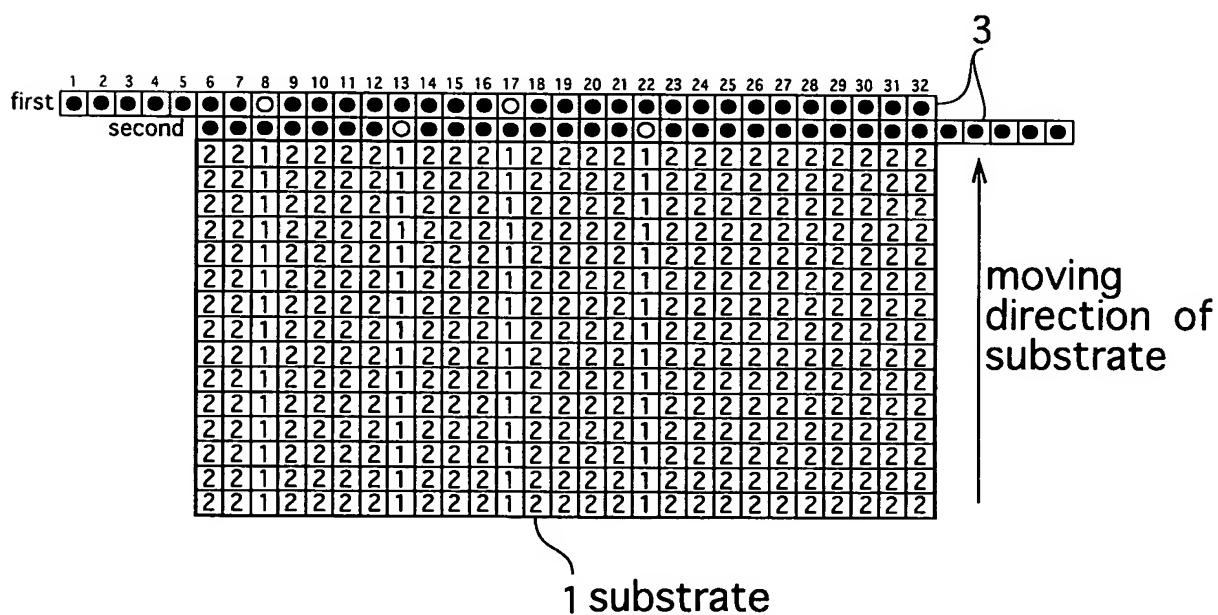


FIG.7

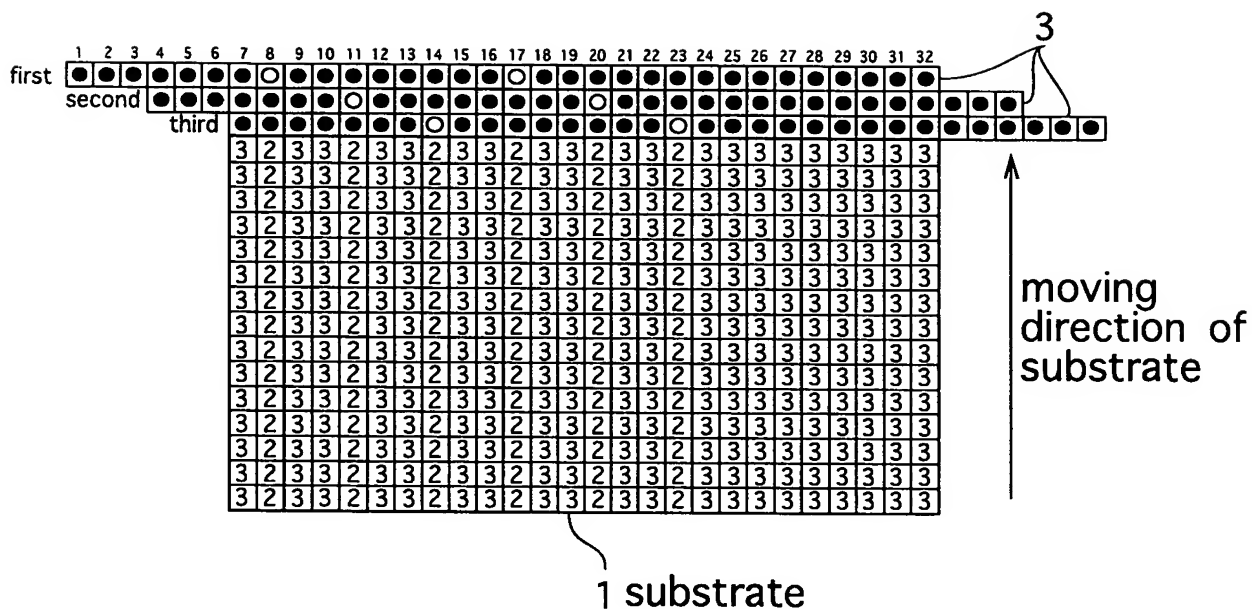


FIG.8

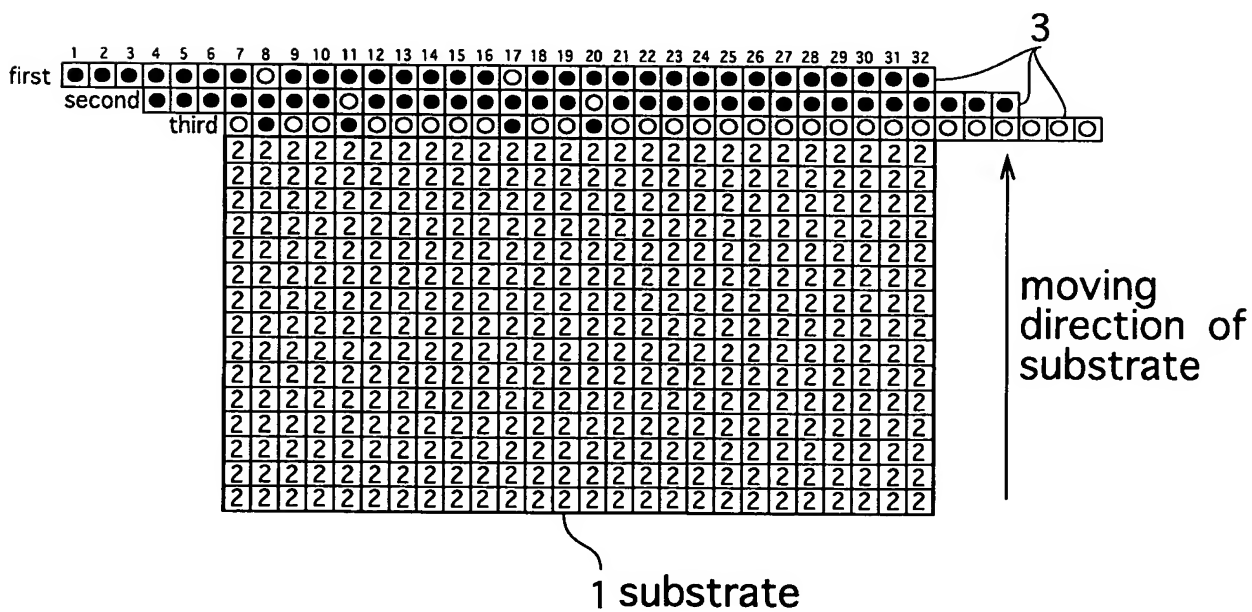


FIG. 9

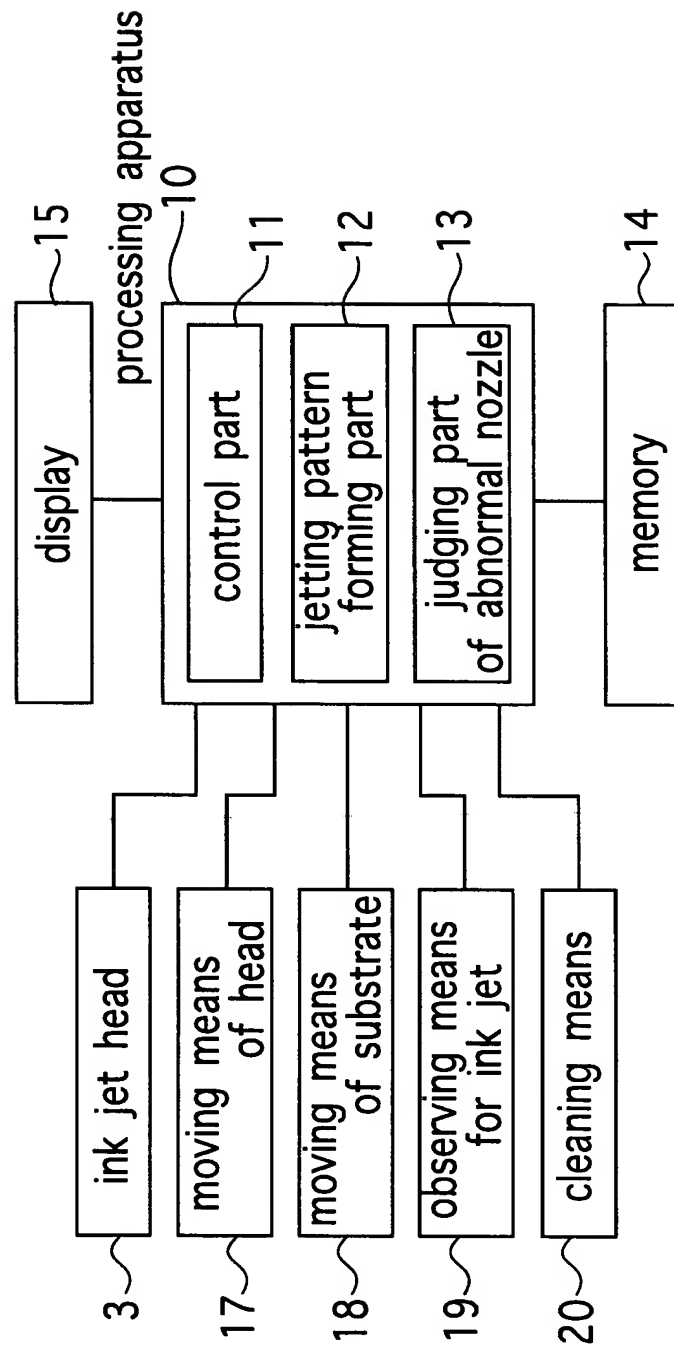


FIG.10

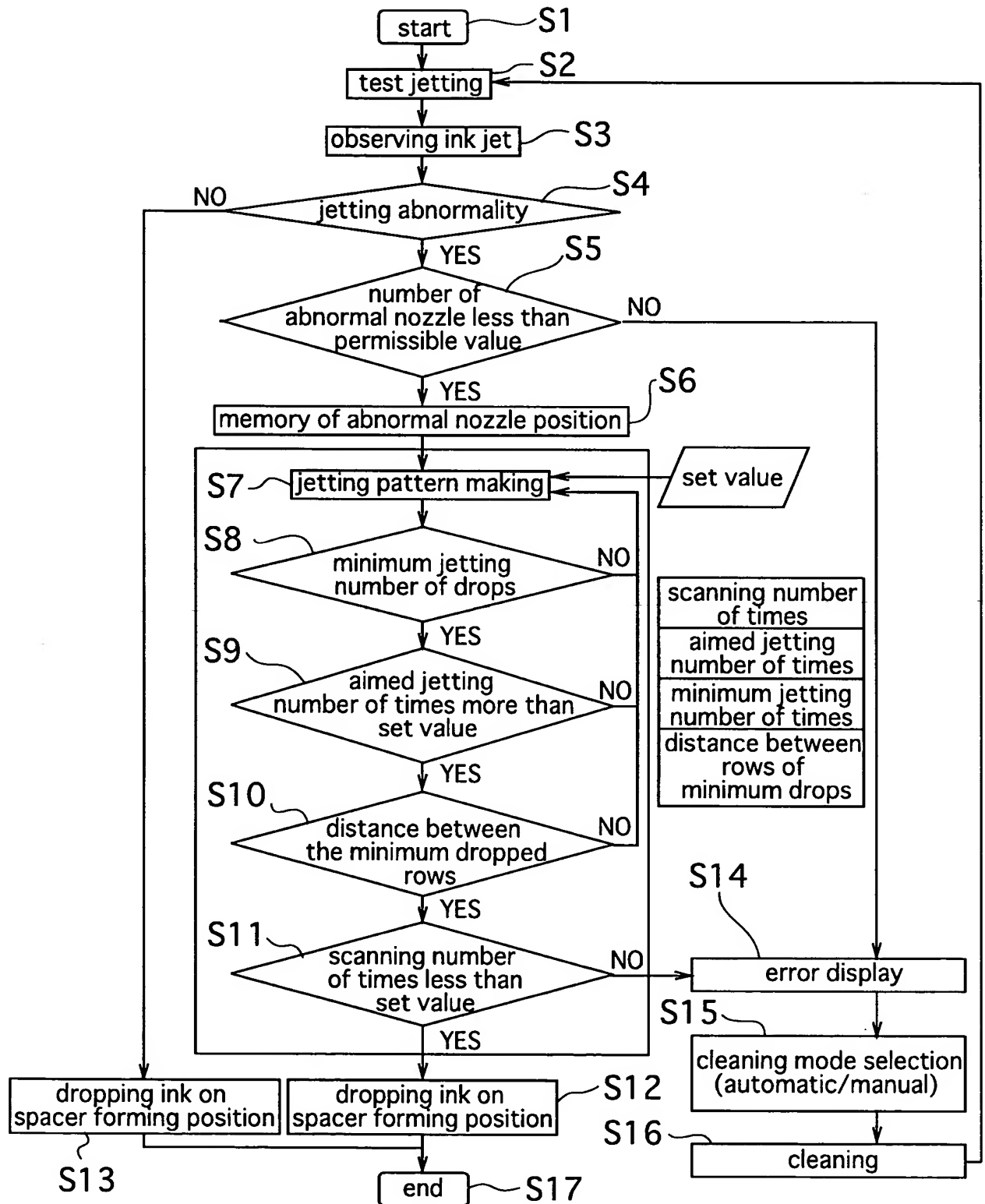


FIG.11

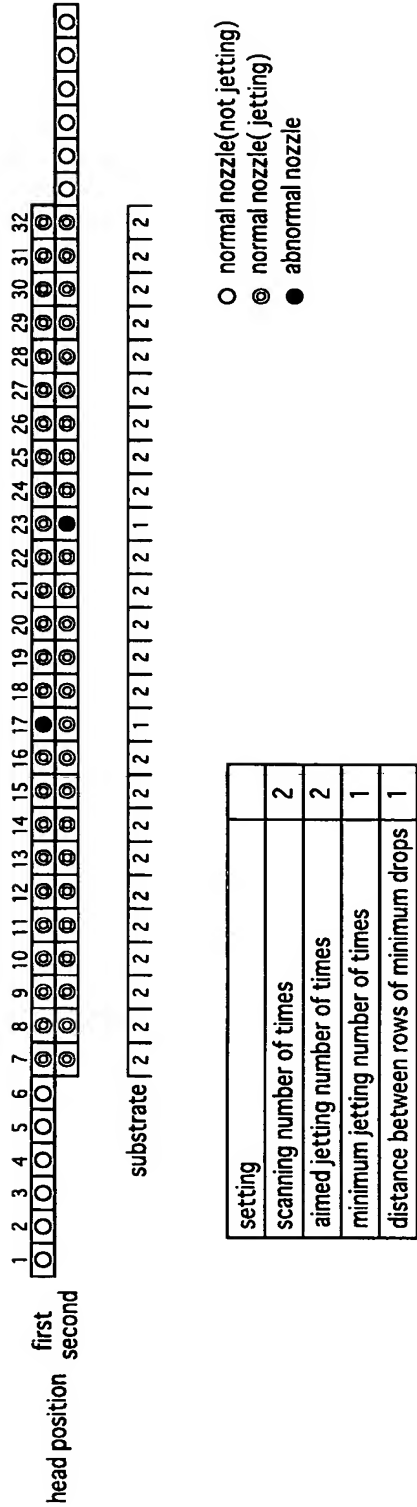
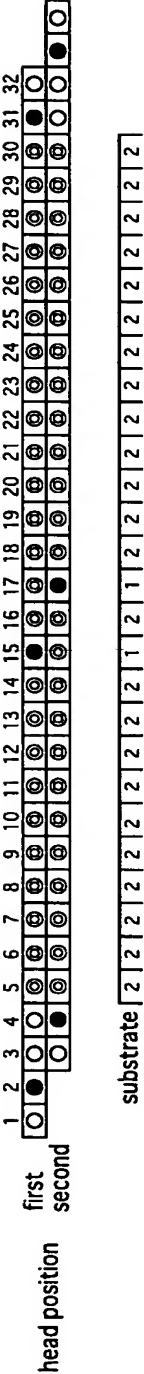


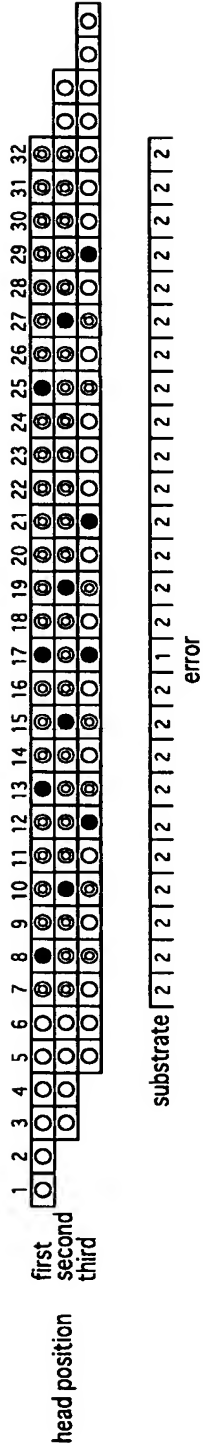
FIG.12



- normal nozzle(not jetting)
- ⊙ normal nozzle(jetting)
- abnormal nozzle

setting	
scanning number of times	2
aimed jetting number of times	2
minimum jetting number of times	1
distance between rows of minimum drops	1

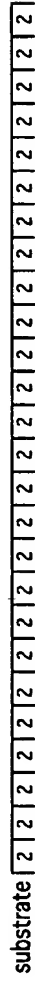
FIG.13



- normal nozzle(not jetting)
- ⊙ normal nozzle(jetting)
- abnormal nozzle

setting	
scanning number of times	3
aimed jetting number of times	2
minimum jetting number of times	2
distance between rows of minimum drops	0

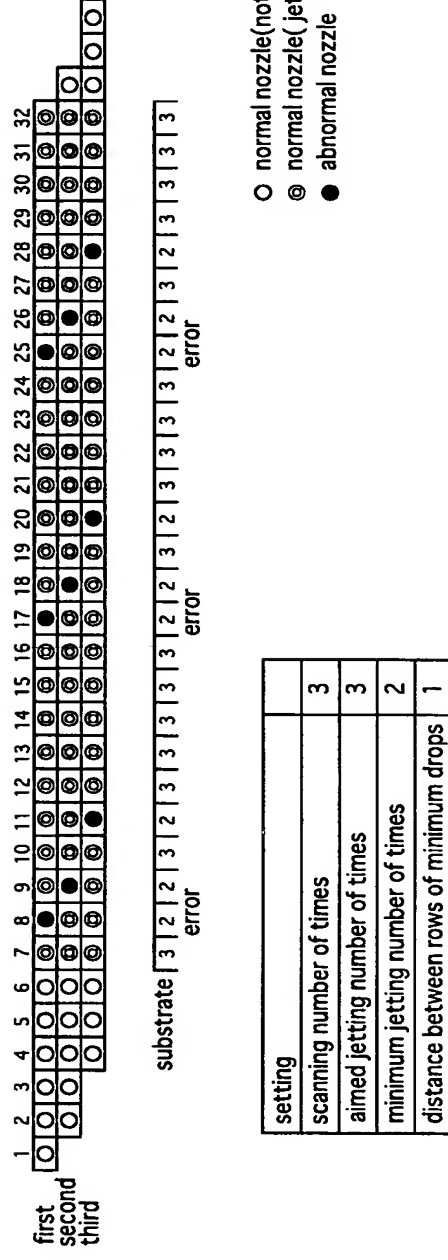
head position



setting	
scanning number of times	3
aimed jetting number of times	2
minimum jetting number of times	2
distance between rows of minimum drops	0

- normal nozzle(not jetting)
- ◎ normal nozzle(jetting)
- abnormal nozzle

head position



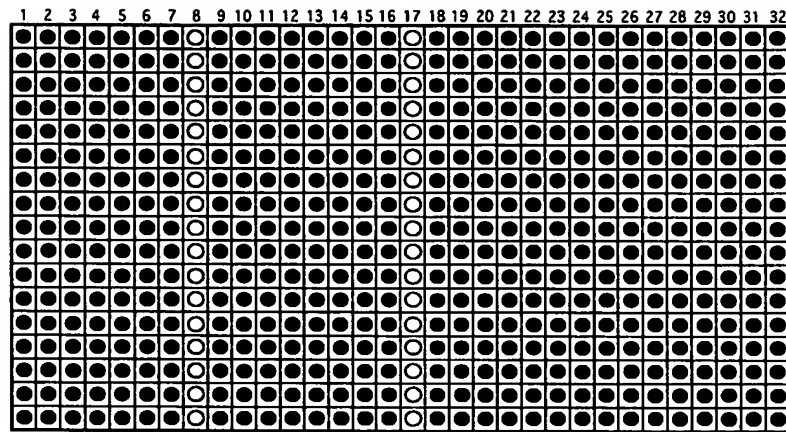
head position



setting	
scanning number of times	3
aimed jetting number of times	3
minimum jetting number of times	2
distance between rows of minimum drops	1

FIG.17

prior art



1 substrate